an administrative module in direct communication with said task module, said one or more event modules, said one or more processing modules and said resource management module, including code that receives and presents data relating to said one or more processing modules.

34.   (Amended) A method of data processing comprising the steps of:

generating at least one event data signal at one or more peripheral modules;

mapping [,] said at least one event data signal to a selected script chosen from one or more scripts, each said one or more scripts having one or more instructions for performing data gathering steps; and

[executing] invoking, by a task module, one or more processing modules to process data required by said selected script [to gather processed data from one or more of said one or more peripheral modules];

wherein during said [executing] invoking and processing step, said selected script dynamically incorporates results of said [executing] processing into said one or more instructions of said selected script.

REMARKS

Applicants thank Examiner Lao and SPE Oberley for the courtesy of the interview granted to applicants and applicants' attorney on June 20, 2000. The substance of that interview is contained within the remarks that follow.

Responsive to the Office Action (Paper No. 6) mailed March 3, 2000, applicants have corrected a grammatical error in the patent specification.

Claims 47 through 59 have been canceled without prejudice or disclaimer.

Claims 1, 2, 30, 33 and 34 have been amended.

Claim 2 was amended to remove a typographical error. Claim 30 was amended to more precisely recite the functions of the responder module in accordance with applicant's specification at page 26, lines 1-10.

Claims 1, 33 and 34 have been amended to more precisely recite applicant's invention. With reference to claim 1, line 12 (lines cited in claim 1 refer to lines in claim 1 as originally filed and appearing on page 46 of the originally filed patent specification) recites that the task module communicates with both event modules and with processing modules as disclosed in applicant's specification at page 12, lines 11-14.

Line 13 of claim 1 has been amended to more precisely recite that the task module invokes, calls or summons, one or more of the processing modules in accordance with applicant's specification at page 12, lines 19-22.

Line 15 of claim 1 has been amended to more precisely recite that the function of the processing modules is to process data and transmit processed data to the task module in accordance with applicant's specification at page 18, line 24 and that the selected scripts incorporate results of the processed data into one or more instructions of the script thereby dynamically influencing the script as disclosed in applicant's specification at page 24, line 3.

Applicant's invention as embodied in the claims may be illustrated with reference to the attached figures. With reference to the "Using the Net Router" figure, one or more event modules, represented in the figure by a requester utilizing a web browser, generate data relating to a particular event or request (applicant's specification at page 18, lines 2-3). Responsive to the request, a task module executes one or more scripts (applicant's specification at page 15, lines 12-13). Processing modules process required data for the one or more scripts. The task module selectively communicates with the event modules (red

arrows in the figure) and with the processing modules (turquoise arrows). As the first processor, the Legacy System in the exemplary figure, processes the script, the script incorporates the results and proceeds on with the dynamically changed script, which may require a Unix C application as in the example or other application for future processing.

The second figure, "Fault tolerance," illustrates that when a required processor is unavailable, another suitable processor is employed. This embodiment is in accordance with applicant's specification at page 43, lines 1-3.

It is respectfully submitted that none of the references of record in the present patent application teach or suggest a processing system as claimed by the applicants.

Krishnamurthy, et al disclose an event action specification tool that carries out a single program on a single processor. Various events in the program occur at specific times and may be influenced by a plurality of clients that can amend the script, however, there is nothing in this reference to teach or suggest a task module that coordinates a script requiring processing whereby the processing is conducted by one or more discrete processors and whereby amendments made to the script by a first processor influence subsequent processing and completion of the program.

Bloem, et al (US Patent No. 5,564,047) discloses an event-driven trigger. The trigger determines if an input affects a column of data to be extracted and if yes, changes are made to the column prior to extraction and if not, the changes are not made. The reference does not teach or suggest a task module that coordinates event modules and a plurality of processing modules.

Waclawsky, et al (US Patent No. 5,493,689) discloses an event-driven load balancing system having a filter that identifies patterns of data to determine network activity. There is nothing in this reference to teach or suggest a processing system utilizing a task module to coordinate events and multiple processors.

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Since none of the references presently of record in the present application, either singly or in combination, teach or suggest a data processing system as claimed by the applicants, applicants claims should be allowed over the cited references. This applies to each of independent claims 1, 33 and 34 as well as the claims dependent therefrom.

CHANGE OF CORRESPONDENCE ADDRESS

In accordance with the provisions of MPEP § 601.03, applicants enclose a change of correspondence address.

PETITION FOR AN EXTENSION OF TIME

Applicants enclose herewith a Petition for an Extension of Time under 37 CFR 1.136(a).
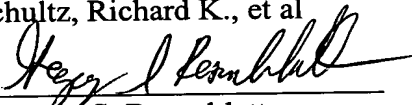
NOTICE OF APPEAL

In the event that the claims pending in this application remain subject to rejection, the Applicants enclose a Notice of Appeal.

It is believed that the present Amendment places the claims in condition for allowance, or in the alternative, in better condition for Appeal, and is in conformance with the requirements of 37 CFR 1.116. Entry of this Amendment and reconsideration of the claims as amended is respectfully requested. If the Examiner believes that an additional amendment is required to place the claims in condition for allowance, she is invited to contact applicant's attorney at the telephone number listed below.

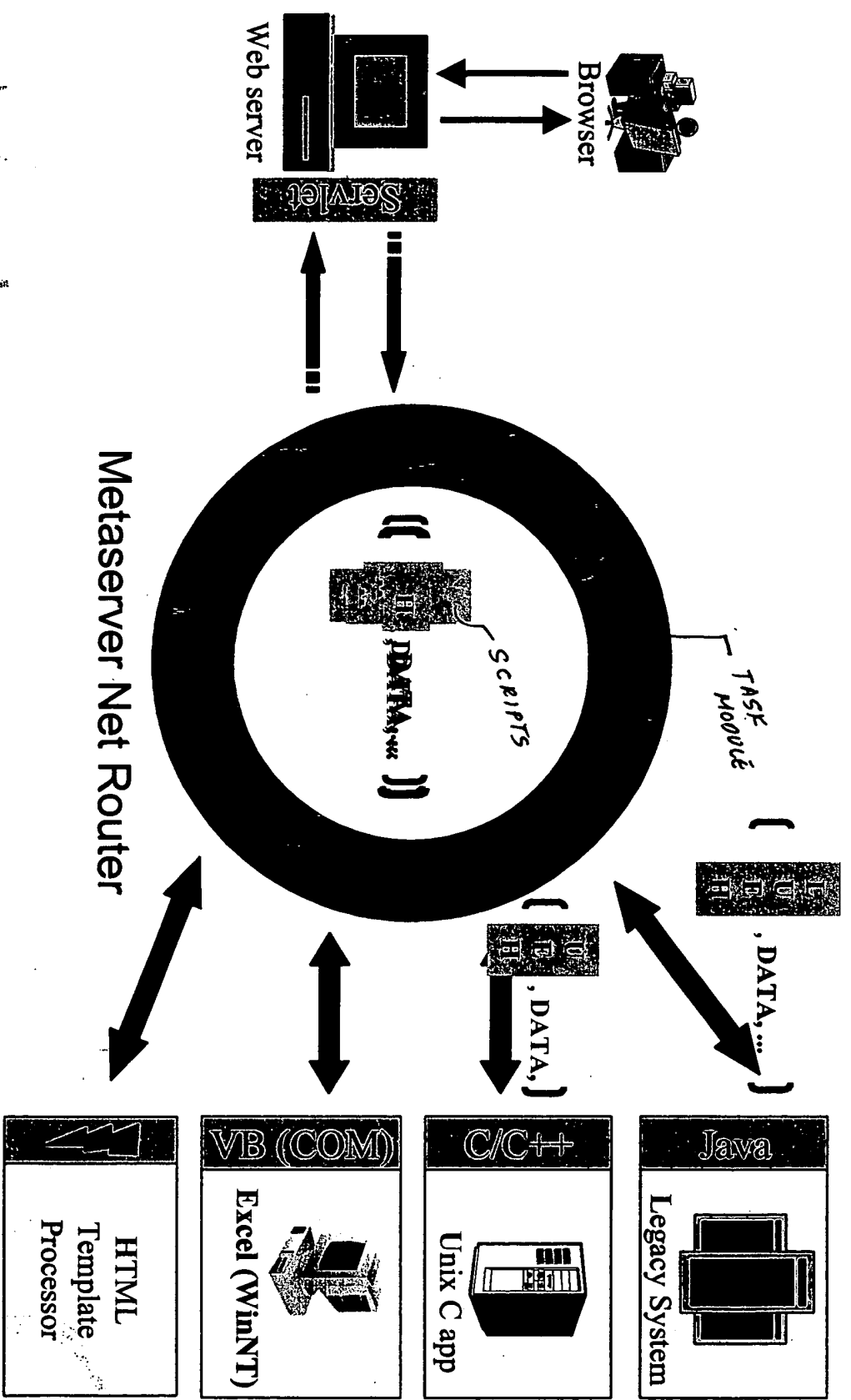Respectfully submitted
Schultz, Richard K., et al

Gregory S. Rosenblatt
Attorney for Applicants
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DATE: _July 31, 2000_

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Using the Net Router

\<Metaserver\>

Web server

Browser

Servlet

Metaserver Net Router

{{ [DATA,...]}}

SCRIPTS

TASK MODULE

{ [U C B] , DATA, ... }

{ [U C B] , DATA,] }

HTML Template Processor

VB (COM)

Excel (WinNT)

C/C++

Unix C app

Java

Legacy System
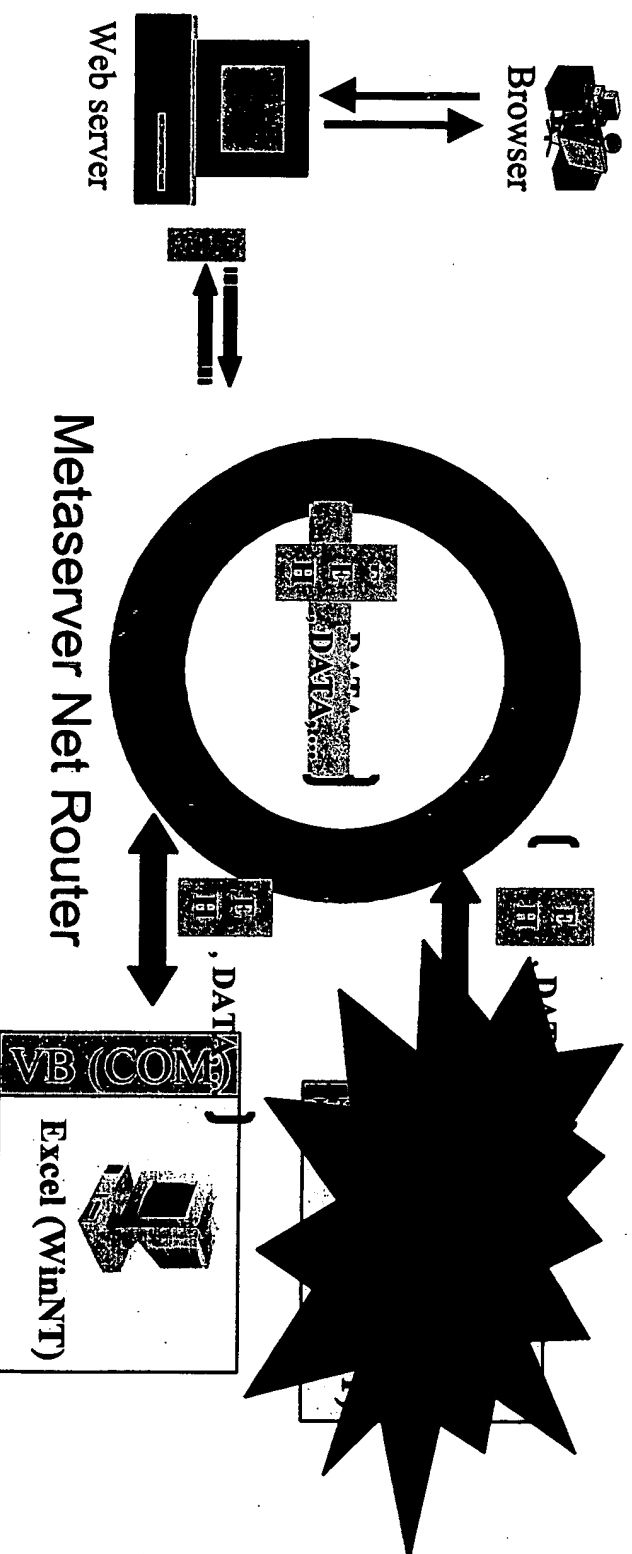
PROCESSING MODULES

Fault tolerance

- Connection to MetaLinks is under transactional control.
- No programming required.
- No changes required in the MetaTask.

Browser

Web server

Metaserver Net Router

VB (COM)

Excel (WinNT)

DATA

<Metaserver>